

**ANIMAL LOCOMOTION; OR,
WALKING, SWIMMING, AND
FLYING, WITH A DISSERTATION
ON AÉRONAUTICS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649055371

Animal Locomotion; Or, Walking, Swimming, and Flying, with a Dissertation on Aëronautics
by J. Bell Pettigrew

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J. BELL PETTIGREW

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Engraved by

IN THE CLOUTER OF THE ENEMY.

W. Audubon.

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ANIMAL LOCOMOTION

OR

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WITH A DISSERTATION ON

AËRONAUTICS.

BY

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ILLUSTRATED BY 130 ENGRAVINGS ON WOOD.

FOURTH EDITION.

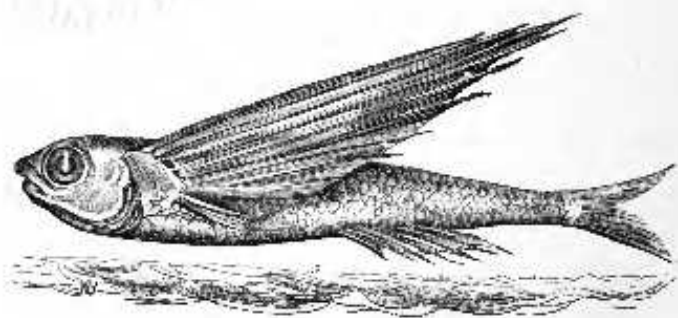
LONDON:

KEGAN PAUL, TRENCH, TRÜBNER & CO., LT²,

PATERNOSTER HOUSE, CHARING CROSS ROAD.

1891.

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PREFACE.

IN the present volume I have endeavoured to explain, in simple language, some difficult problems in "Animal Mechanics." In order to avoid elaborate descriptions, I have introduced a large number of original Drawings and Diagrams, copied for the most part from my Papers and Memoirs "On Flight," and other forms of "Animal Progression." I have drawn from the same sources many of the facts to be found in the present work. My best thanks are due to Mr. W. Ballingall, of Edinburgh, for the highly artistic and effective manner in which he has engraved the several subjects. The figures, I am happy to state, have in no way deteriorated in his hands.

ROYAL COLLEGE OF SURGEONS OF EDINBURGH,

July 1873.



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